

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Howard M. Dintzis and Renee Z. Dintzis Art Unit : To be assigned
Examiner : To be assigned
Serial No. : To be assigned
Filed : January 9, 2001
Title : THERAPEUTIC SUPPRESSION OF SPECIFIC IMMUNE RESPONSES BY
ADMINISTRATION OF OLIGOMERIC FORMS OF ANTIGEN OF
CONTROLLED CHEMISTRY

jc841 U.S. PTO
09/757774

01/09/01

Commissioner for Patents
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Under 35 USC §120, this application relies on the earlier filing date of application serial number 08/440,322, filed on May 12, 1995. The following references were submitted to and/or cited by the Office in the prior application and, therefore, are not provided in this application:

Desig. IDs:

A copy of Form PTO-1449 filed in parent application 08/440,322, and also filed in that application's parent application 08/391,267, is attached hereto.

This statement is being filed with the application. Please apply any charges or credits to Deposit Account No. 06-1050.

CERTIFICATE OF MAILING BY EXPRESS MAIL

Express Mail Label No. EL558601890US

I hereby certify under 37 CFR §1.10 that this correspondence is being deposited with the United States Postal Service as Express Mail Post Office to Addressee with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

Date of Deposit

Signature _____

January 9, 2001

Richard Donovan

Typed or Printed Name of Person Signing Certificate

Applicant : Howard M. Dintzis and Renee Z. Dintzis

Attorney's Docket N. : 07265-124005 / C-1046

Serial No. :

Filed :

Page : 2

Respectfully submitted,

Date:

Jan 08, 01

Gregory P. Einhorn

Gregory P. Einhorn

Reg. No. 38,440

Fish & Richardson P.C.
4350 La Jolla Village Drive, Suite 500
San Diego, CA 92122
Telephone: (858) 678-5070
Facsimile: (858) 678-5099

10063177.doc

DATE: May 12, 1995

Sheet 1 of 3

Form PTO-1449
(REV. 2-83)

Cushman Version

U.S. Department of Commerce
Patent and Trademark OfficeATTY. DOCKET NO.
212959 / C-1046/CIP-3/CON-3
M# / Client Ref.GROUP ART UNIT
1813FORMATION DISCLOSURE STATEMENT
BY APPLICANT

(Use several sheets if necessary)

APPLICANT (inventor(s))
Dintzis et alEXAMINER
CunninghamRule 60 Cont of
0 8 /391,267FILING DATE
May 12, 1995

U.S. PATENT DOCUMENTS

| *Examiner's Initials | Document Number | Date Mo/Yr | Name (Family Name of First Inventor) | Class | Subclass | Filing Date If Appropriate |
|-------------------------|-----------------|---------------|---|-------|----------|-------------------------------|
| AR | 4 2 2 0 5 6 5 | 9/80 | Katz | 525 | 54.1 | |
| BR | 4 2 2 2 9 0 7 | 9/80 | Katz | 525 | 54.1 | |
| CR | 4 2 5 3 9 9 5 | 3/81 | Katz | 525 | 54.1 | |
| DR | 4 2 5 3 9 9 6 | 3/81 | Katz | 525 | 54.1 | |
| ER | 4 2 7 6 2 0 6 | 6/81 | Katz | 525 | 54.1 | |
| FR | 4 7 2 2 8 9 9 | 2/88 | Hamaoka et al | 435 | 172.2 | April 81 |
| GR | 5 1 2 6 1 1 3 1 | 6/92 | Dintzis et al | 424 | 88 | |
| HR | 5 3 7 0 8 7 1 | 12/94 | Dintzis et al | 424 | 244.1 | |
| IR | | | | | | |
| JR | | | | | | |
| KR | | | | | | |
| LR | | | | | | |
| MR | | | | | | |

FOREIGN PATENT DOCUMENTS

| | Document Number | Date Mo/Yr | Country | English Abstract | | Class | Subclass | Translation Readily Available | |
|----|-----------------|---------------|---------|------------------|----|-------|----------|----------------------------------|----|
| | | | | Enclosed | No | | | Enclosed | No |
| NR | | | | | | | | | |
| OR | | | | | | | | | |
| PR | | | | | | | | | |
| QR | | | | | | | | | |
| RR | | | | | | | | | |
| SR | | | | | | | | | |

OTHER DOCUMENTS (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, Etc.)

| | |
|-----|---|
| TR1 | Katz et al (1973) Induction of Immunobiological Tolerance in Bone Marrow - Derived Lymphocytes of the IgE Antibody Class PNAS 70(10):2776-2780. |
| UR1 | Dintzis et al, Inhibition of Anti-DNP Antibody Formation by High Doses of DNP-Polyacrylamide Molecules; Effects of Hapten Density and Hapten Valence, The Journal of Immunology, Vol. 135, No. 1, pp. 423-427, July 1985. |
| VR1 | Dintzis et al, Molecular Determinants of Immunogenicity: The Immunon Model of Immune Response, Proc. Natl. Acad. Sci. USA, Vol. 73, No. 10, pp. 3671-3675, October 1976. |

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449
(REV. 2-83)

Cushman Version

U.S. Department of Commerce
Patent and Trademark OfficeATTY. DOCKET NO.
212959 / C-1046/CIP-3/CON-3
M# / Client Ref.

GROUP ART UNIT

1813

FORMATION DISCLOSURE STATEMENT
BY APPLICANT

(Use several sheets if necessary)

APPLICANT (inventor(s))
Dintzis et alEXAMINER
CunninghamRule 60 Cont of
0 8 /391,267FILING DATE
May 12, 1995

U.S. PATENT DOCUMENTS

| *Examiner's Initials | Document Number | Date Mo/Yr | Name (Family Name of First Inventor) | Class | Subclass | Filing Date If Appropriate |
|-------------------------|-----------------|---------------|---|-------|----------|-------------------------------|
| AR | | | | | | |
| BR | | | | | | |
| CR | | | | | | |
| DR | | | | | | |
| ER | | | | | | |
| FR | | | | | | |
| GR | | | | | | |
| HR | | | | | | |
| IR | | | | | | |
| JR | | | | | | |
| KR | | | | | | |
| LR | | | | | | |
| MR | | | | | | |

10841 U.S. PTO
09/75774
01/09/01

FOREIGN PATENT DOCUMENTS

| FOREIGN PATENT DOCUMENTS | | | | | | | | | | | Translation | |
|--------------------------|-----------------|---------------|---------|------------------|----|-------|----------|-------------------|----|--|-------------|--|
| | Document Number | Date Mo/Yr | Country | English Abstract | | Class | Subclass | Readily Available | | | | |
| | | | | Enclosed | No | | | Enclosed | No | | | |
| NR | | | | | | | | | | | | |
| OR | | | | | | | | | | | | |
| PR | | | | | | | | | | | | |
| QR | | | | | | | | | | | | |
| RR | | | | | | | | | | | | |
| SR | | | | | | | | | | | | |

OTHER DOCUMENTS (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, Etc.)

| | |
|-----|--|
| TR2 | Vogelstein et al, Specific Cellular Stimulation in the Primary Immune Response: A Quantized Model, Proc. Natl. Acad. Sci. USA, Vol. 79, pp. 395-399, January 1982. |
| UR2 | Dintzis et al, Specific Cellular Stimulation in the Primary Response: Experimental Test of a Quantized Model, Proc. Natl. Acad. Sci. USA, Vol. 79, pp. 884-888, February 1982. |
| VR2 | Dintzis et al, Studies on the Immunogenicity and Tolerogenicity of T-Independent Antigens, The Journal of Immunology, Vol. 131, No. 5, November 1983, pp. 2196-2203. |

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449
(REV. 2-83)

Cushman Version

U.S. Department of Commerce
Patent and Trademark OfficeATTY. DOCKET NO.
212959 / C-1046/CIP-3/CON-3
M# / Client Ref.

GROUP ART UNIT

1813

FORMATION DISCLOSURE STATEMENT
BY APPLICANT

(Use several sheets if necessary)

APPLICANT (inventor(s))
Dintzis et alEXAMINER
CunninghamRule 60 Cont of
0 8 /391,267FILING DATE
May 12, 1995

U.S. PATENT DOCUMENTS

| Examiner's Initials | Document Number | Date Mo/Yr | Name (Family Name of First Inventor) | Class | Subclass | Filing Date If Appropriate |
|------------------------|-----------------|---------------|---|-------|----------|-------------------------------|
| AR | | | | | | |
| BR | | | | | | |
| CR | | | | | | |
| DR | | | | | | |
| ER | | | | | | |
| FR | | | | | | |
| GR | | | | | | |
| HR | | | | | | |
| IR | | | | | | |
| JR | | | | | | |
| KR | | | | | | |
| LR | | | | | | |
| MR | | | | | | |

U.S. PTO
09/15/74
01/09/01

FOREIGN PATENT DOCUMENTS

| FOREIGN PATENT DOCUMENTS | | | | | | | | | | |
|--------------------------|-----------------|---------------|---------|------------------|----|-------|----------|----------------------------------|----|--|
| | Document Number | Date Mo/Yr | Country | English Abstract | | Class | Subclass | Translation Readily Available | | |
| | | | | Enclosed | No | | | Enclosed | No | |
| NR | | | | | | | | | | |
| OR | | | | | | | | | | |
| PR | | | | | | | | | | |
| QR | | | | | | | | | | |
| RR | | | | | | | | | | |
| SR | | | | | | | | | | |

OTHER DOCUMENTS (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, Etc.)

TR3 Fundneberg, H.H., Basic and Clinical Immunology, published 1980, pp. 44-52.

UR3 Upjohn Corporation, "Immunology" pp66-67, 1991, Kalamazoo, MI.

VR

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.